



OPERATE MOTOR VEHICLES AND OTHER TRANSPORTATION CONVEYANCES. TO MAINTAIN THE NDR FILE AND PROCESS INQUIRES, NHTSA PROCURES A COMPUTER TIMESHARING SERVICE. FIFTY STATES AND THE DISTRICT OF COLUMBIA OPERATE AS POINTER (PROBLEM DRIVER POINTER SYSTEM (PDPS)) STATES. AS RECOMMENDED IN NHTSA'S 1993 REPORT TO CONGRESS,TEA-21 HAS INCLUDED LANGUAGE THAT ALLOWS THE TRANSFER OF TIMESHARING AND USER HELP SERVICES TO AN ORGAINIZATION REPRESENTING THE STATES. ADDITIONAL COST SAVINGS MAY BE REALIZED IF THE TRANSFER OCCURS. THE NDR IS AN IMPORTANT PART OF THE DRIVER LICENSING PROCESS AND OF THE CERTIFICATION PROCESS FOR CERTAIN AGENCIES. THE NEED FOR SUCH A SERVICE WILL EXIST FOR THE FORESEEABLE FUTURE.

IF NOT FUNDED, IT WOULD BE EASIER FOR PROBLEM DRIVERS TO OBTAIN LICENSES FROM MULTIPLE STATES AND POSSIBLY INCREASE THE RISK OF CRASHES. IN CALENDER YEAR 1998, THE NDR PROCESSED APPROXIMATELY 37.5 MILLION INQUIRIES FROM AUTHORIZED USERS (APPROX. 37 MILLION FROM THE STATES), AND MADE MORE THAN 4 MILLION PROBABLE IDENTIFICATIONS.

NOTE: THE TOTAL LIFE CYCLE COSTS ARE THE ESTIMATED COSTS FOR THE NEW CONTRACT PERIOD (FY 1999 THROUGH FY 2003).

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OA:	INITIATIVE ID:	FY-2000:	FY-2001:	FY-2002:
NHTSA	NHTSA002	\$1,099	\$1,066	\$1,109

**TITLE:**

NHTSA DATA CENTER

**DESCRIPTION:**

THE NHTSA DATA CENTER AND CLUSTER MAINTAIN PRIMARILY THE MAJOR CRASHWORTHINESS DATABASES AND OTHER RESEARCH DATA BASES. ADDITIONAL FUNCTIONS INCLUDE SUPPORTING CRASHWORTHINESS SIMULATIONS, AND ACCIDENT DATABASES. UPGRADING OF THE DATA CENTER WILL CONTINUE AS THE DEMANDS FOR HIGHER SPEED AND CAPACITY DATABASE PROCESSING AND ANALYSES INCREASE. EXPECTED ARE UPGRADES ALONG THE BUILT-IN EQUIPMENT UPGRADE PATH AND ADDITIONAL PERIPHERAL EQUIPMENT TO SUPPORT THE DATA CENTER, WHILE OBSOLETE EQUIPMENT IS PHASED OUT. AS A MORE DISTRIBUTED PROCESSING ENVIRONMENT IS DEVELOPED, EXPENSES ARE EXPECTED TO REMAIN STEADY DEPENDENT UPON INCREASED OFF-LOADING OF OPERATIONS TO PC LANs AND SPECIAL WORKSTATIONS. THE SGI PARALLEL COMPUTER IS BEING USED FOR INTENSIVE FINITE ELEMENT WORK. IMAGING IS BEING USED TO MEET A VARIETY OF NEEDS INCLUDING STORAGE AND RETRIEVAL OF TEST REPORTS AND FILM IMAGES, ACCIDENT FILES, RESEARCH REPORTS, AND TO INTERFACE WITH LIKE SYSTEMS THROUGHOUT NHTSA. ALSO TO BE SUPPORTED ARE THE NEW ELECTRONIC NASS SYSTEM AND THE CIREN HOSPITAL NETWORK.

IF THE DATA CENTER SUPPORT IS NOT FUNDED, NO SUPPORT FOR THE CRASHWORTHINESS RESEARCH PROGRAM, INCLUDING ALL CRASH TESTS PERFORMED BY THE AGENCY ON-LINE, AND THE BIOMECHANICS RESEARCH PROGRAM WOULD BE LOST. NO SIMULATIONS INCLUDING FINITE ELEMENT MODELING COULD BE ACCOMPLISHED. EFFECTIVE RESEARCH IN THESE AREAS FOR NHTSA WOULD EFFECTIVELY BE HALTED.

**CONTACT:** GARY BELL 202-366-5932

<b>OA:</b>	<b>INITIATIVE ID:</b>	<b>FY-2000:</b>	<b>FY-2001:</b>	<b>FY-2002:</b>
NHTSA	NHTSA003	\$2,200	\$2,200	\$2,430

**TITLE:**

CORE SYSTEMS SUPPORT

**DESCRIPTION:**

THE OFFICE OF TECHNOLOGY AND INFORMATION MANAGEMENT (OTIM) PROVIDES INFORMATION, TECHNOLOGY, TELECOMMUNICATIONS, NETWORK AND USER SUPPORT, APPLICATIONS DEVELOPMENT AND SYSTEMS MANAGEMENT FUNCTIONS TO THE ADMINISTRATIVE, STAFF, REGIONAL AND PROGRAM OFFICES. APPLICATIONS MANAGED UNDER THIS ITEM INCLUDE ACQUISITION TRACKING, CONTRACTS MANAGEMENT, PROPERTY INVENTORY, ELECTRONIC MAIL, WORD PROCESSING, TRAVEL TRACKING, CORRESPONDENCE CONTROL, WEB INTERNET AND INTRANET SUPPORT, GRAPHICS SUPPORT, AND A VARIETY OF GENERAL PURPOSE PC SOFTWARE APPLICATIONS (SPREADSHEET, DATABASE, GRAPHICS, PROJECT TRACKING ETC).

OTIM PROVIDES SUPPORT TO CARRY OUT THE DAY-TO-DAY RESPONSIBILITIES OF THE AGENCY AND TO SUPPORT MISSION ACTIVITIES. THESE SYSTEMS IMPROVE EFFICIENCY BY REDUCING THE AMOUNT OF TIME PROGRAM OFFICES SPEND ON ADMINISTRATIVE ACTIVITIES AND CONSOLIDATING FUNCTIONS, THEREFORE REDUCING COSTS.

A HIGH PERCENTAGE OF EACH YEAR'S BUDGET IS USED TO PAY FOR UPGRADES TO EXISTING SYSTEMS AND MANDATORY MAINTENANCE OF THESE SYSTEMS, INCLUDING EQUIPMENT, SOFTWARE AND THE GENERAL OPERATIONAL COSTS. THESE ARE FIXED COSTS ATTENDANT TO MAINTAINING ANY OPERATIONAL IRM NETWORK, CONTINUING APPLICATIONS ENHANCEMENTS, TELECOMMUNICATION SUPPORT AND PROVIDING THE CONTRACTOR SUPPORT NECESSARY TO MAINTAIN THESE SYSTEMS. THE REMAINING FUNDS ARE USED FOR EQUIPMENT ACQUISITION, NETWORK UPGRADES, SUPPLIES AND TO PROVIDE SUPPORT TO USERS THROUGH NEW AND ENHANCED INFORMATION TECHNOLOGY. NHTSA IS UPGRADING THE NETWORK TO HANDLE THE INCREASING DEMANDS ON THE NETWORK BANDWIDTH, UPGRADING THE PHONE SYSTEM TO OPERATE WITH THE NEW FTS2000 VENDOR, AND EXPANDIGN STORAGE ON THE WEB SERVERS TO HANDLE THE INCREASING DEMAND FOR MORE DATA, NHTSA HAS STANDARDIZED MICROCOMPUTERS AND IS UPGRADING DESKTOP COMPUTERS ON A 3-YEAR ROTATION CYCLE. STANDARDIZATION SUPPORTS THE USERS IN CONCERT WITH AGENCY STRATEGIC PLANS, DEPARTMENTAL PLANS AND STANDARDS. INFORMATION IS DISSEMINATED TO THE PUBLIC VIA THE INTERNET AND INTERNALLY VIA THE INTRANET.

THE WEB SERVERS MUST BE MAINTAINED TO CONTINUE TO MEET THE INCREASING DEMANDS FOR INFORMATION BY THE PUBLIC INTERESTED IN PUBLIC SAFETY AND HEALTH, RECORDING AN AVERAGE OF OVER 9 MILLION HITS PER MONTH ON THE WEB SITE.

**CONTACT:** TED PASEK 202-366-5965

<b>OA:</b>	<b>INITIATIVE ID:</b>	<b>FY-2000:</b>	<b>FY-2001:</b>	<b>FY-2002:</b>
NHTSA	NHTSA004	\$3,478	\$3,632	\$3,834

**TITLE:**  
TECHNICAL SUPPORT FOR NCSA

**DESCRIPTION:**

PROVIDE SYSTEMS ANALYSIS, PROGRAMMING, OPERATIONAL, AND HOTLINE SUPPORT FOR THE DEVELOPMENT, MAINTENANCE, ENHANCEMENTS, AND OPERATIONS OF THE NASS-CDS, NASS-GES and SCI (Special Crash Investigations). PROVIDES THESE SAME SERVICES ON AN AD HOC BASIS AND INCLUDES SUPPORT FOR DISPENSING COMPLETED FILES, ACQUISITION OF EXPOSURE DATA IN THE FORM OF VEHICLE REGISTRATION DATA BASES AND THE MAINTENANCE OF A HARDCOPY STORAGE FACILITY.

WITHOUT FUNDING, NCSA SITES COULD NOT FUNCTION NOR SUPPORT NASS-CDS, NASS-GES AND SCI DATABASES, MEANING THE PRIMARY DATA UPON WHICH THE AGENCY'S MISSION IS BASED WOULD BE LOST

INITIATIVE #10 (NATIONAL AUTOMOTIVE SAMPLING SYSTEM) HAS BEEN COMBINED WITH THIS INITIATIVE.

**CONTACT:** MARV STEPHENS 202-366-5368

<b>OA:</b>	<b>INITIATIVE ID:</b>	<b>FY-2000:</b>	<b>FY-2001:</b>	<b>FY-2002:</b>
NHTSA	NHTSA005	\$980	\$950	\$988

**TITLE:**  
RESEARCH AND DEVELOPMENT SUPPORT

**DESCRIPTION:**

RESEARCH AND DEVELOPMENT WILL USE THE NOVELL PC LAN, PCs, AND SPECIAL PURPOSE WORKSTATIONS AS THE BASIS FOR CURRENT AND FUTURE COMPUTING APPLICATIONS INCLUDING STORAGE AND ANALYSIS OF DATABASES, ELECTRONIC MAIL, SHARED ACCESS TO FILES AND DATA, ACCESS TO SERVERS THROUGHOUT NHTSA VIA THE INTERMODAL DATA NETWORK (IDN), INTERNET ACCESS, CONTROL AND UPGRADING OF PC SOFTWARE, AND OTHERS TO BE IDENTIFIED. THE PC LAN, PCs AND OTHER EQUIPMENT SUPPORT ALL MISSION REQUIREMENTS IN A VARIETY OF WAYS. OFFICE AUTOMATION INITIATIVES WILL INCLUDE, AMONG OTHER AREAS, MULTIMEDIA AND

ADVANCED PRESENTATIONS CAPABILITY. PLANS INCLUDE UPGRADES TO HARDWARE AND SOFTWARE, UNDER A TECHNOLOGY ENHANCEMENT POLICY ADOPTED BY RESEARCH AND DEVELOPMENT AS THE NEEDS WARRANT AND THE TECHNOLOGY DEVELOPS.

WITHOUT FUNDING FOR THIS SUPPORT, RESEARCH AND DEVELOPMENT COULD NOT CONTINUE TO OPERATE, SINCE ALL SUPPORT FOR DAILY WORK ACTIVITIES WOULD BE LOST.

**CONTACT:** GARY BELL 202-366-5932

<b>OA:</b>	<b>INITIATIVE ID:</b>	<b>FY-2000:</b>	<b>FY-2001:</b>	<b>FY-2002:</b>
NHTSA	NHTSA006	\$1,629	\$1,629	\$1,629

**TITLE:**

COMPLIANCE INFORMATION MANAGEMENT SYSTEM (CIMS)

**DESCRIPTION:**

THE COMPLIANCE INFORMATION MANAGEMENT SYSTEM (CIMS) PROVIDES SUPPORT FOR THE FEDERAL MOTOR VEHICLE SAFETY STANDARDS (FMVSS) COMPLIANCE AND IMPORTATION ACTIVITIES.

THE COMPLIANCE INFORMATION MANAGEMENT SYSTEM INTEGRATES THE FOLLOWING SYSTEMS: COMPLIANCE AUTOMATED REPORTING SYSTEM (CARS) WHICH HOUSES FMVSS COMPLIANCE DATA; MOTOR VEHICLE IMPORT INFORMATION (MVII), WHICH HOUSES IMPORT DATA; ELECTRONIC DOCUMENT IMAGING MANAGEMENT SYSTEM (EDIMS), WHICH HOUSES COMPLIANCE TEST REPORTS AND INVESTIGATION FILES. THE NSA LAN PROVIDES ACCESS TO AGENCY-WIDE AND DEPARTMENT-WIDE DATABASES, E-MAIL AND THE INTERNET. POPULAR OVSC PUBLIC INFORMATION IS CURRENTLY ACCESSIBLE BY INTERNET.

THE MVII SYSTEM PROVIDES ELECTRONIC TRACKING OF IMPORTED MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT NOT ORIGINALLY CERTIFIED TO CONFORM WITH THE FMVSS. THE AUTOMATED BROKER INTERFACE (ABI) ENABLES THE U.S. CUSTOMS AND OVSC STAFF TO VIEW ITEMS BEING IMPORTED INTO THE U.S. BEFORE RECEIVING CONFORMITY PACKAGES. MVII IS USED TO PROVIDE RESPONSE TO CONGRESSIONAL INQUIRIES AND FREQUENT CALLS FROM CONSUMERS AND IMPORTERS ON THE STATUS OF THEIR VEHICLES.

CARS II HOUSES HISTORICAL COMPLIANCE TESTS INFORMATION AND RECORDS ON ALL INVESTIGATIONS OF NON-COMPLIANCE. THE SYSTEM IS CRITICAL TO THE ENFORCEMENT PROCESS. THE USER INTERFACE PROVIDE STAFF WITH THE ABILITY TO ACCESS AND MANIPULATE DATA AND GENERATE TIMELY REPORTS FOR CONSUMERS ON THE AGENCY'S ACTIVITIES AND FINDINGS.

ELECTRONIC DOCUMENT IMAGING MANAGEMENT SYSTEM (EDIMS) PROVIDES ELECTRONIC IMAGES AND ENHANCED MANAGEMENT OF THE COMPLIANCE TEST

REPORTS, ALL CLOSED AND PUBLIC NON-COMPLIANCE INVESTIGATION FILES, INFORMATION REQUEST FILES AND MVII FILES. THIS INFORMATION IS ELECTRONICALLY AVAILABLE TO NSA STAFF AND OTHER PROGRAM AREAS AS NEEDED.

**CONTACT:** TERRY ANDERSON 202-366-5235

<b>OA:</b>	<b>INITIATIVE ID:</b>	<b>FY-2000:</b>	<b>FY-2001:</b>	<b>FY-2002:</b>
NHTSA	NHTSA007	\$2,076	\$2,076	\$2,076

**TITLE:**

DEFECT INFORMATION MANAGEMENT SYSTEM SUPPORT

**DESCRIPTION:**

CONTRACT TECHNICAL STAFF SUPPORTS THE DEFECTS INVESTIGATION AND AUTO SAFETY HOTLINE PROGRAMS AND ASSISTS THE GOVERNMENT IN:

\* PERFORMING DEFECT INFORMATION MANAGEMENT SYSTEM (DIMS II) DATABASE ADMINISTRATION, FILE MAINTENANCE , DATABASE SYSTEM ENHANCEMENTS, MONITORING AND OTHER TASKS RELATED TO GATHERING , ANALYZING AND REPORTING OF DATA USED IN THE SCREENING AND CONDUCTING DEFECT INVESTIGATIONS.

\* PERFORMING SYSTEM ADMINISTRATION OF NSA'S MINICOMPUTER; LAN DEVELOPMENT, LAN ADMINISTRATION, MICROCOMPUTER SUPPORT, AND ENHANCING THE EXISTING LAN AND IMAGING SYSTEM FOR VIRIOUS OFFICE AUTOMATION NEEDS. THIS INCLUDES IMPROVING EXISTING RECORDS MANAGEMENT PROCEDURES, AND OTHER INFORMATION DEPENDENT OFFICE FUNCTIONS.

\* PROVIDING TECHNICAL SUPPORT FOR THE ELECTRONIC DOCUMENT IMAGIN MANAGEMENT SYSTEM (EDIMS) WHICH PROVIDES AN ELECTRONIC IMAGE OF CONSUMER REPORTS, TECHNICAL BULLETINS AND RECALL CAMPAIGN INFORMATION. THE NEXT CATEGORY OF DEFECT INFORMATION PLANNED TO BE DIGITIZED ARE THE INVESTIGATIVE FILES. THIS INFORMATION IS ELECTRONICALLY AVAILABLE TO NSA STAFF AND OTHER PROGRAM AREAS AS NEEDED. THIS INFORMATION IS ELECTRONICALLY AVAILABLE TO NSA STAFF AND OTHER PROGRAM AREAS AS NEEDED. EDIMS SYSTEM SOFTWARE AND HARDWARE IS CURRENTLY BEING UPGRADED AND WILL BE COMPLETED IN FY-98.

\* INTEGRATING THE DIMS II AND THE EDIMS AND REPLACING EXISTING SCANNING STATIONS, RETRIEVAL STATIONS AND COMMUNICATIONS EQUIPMENT WITH NEWER TECHNOLOGY. THIS INITIATIVE, ALONG WITH CONVERTING IMAGES TO A TRUE TIFF FORMAT, WILL REDUCE THE AMOUNT OF PAPER HANDLED AND PLACE DATA AT THE DESKTOP WHICH WILL ALLOW NSA STAFF TO RESPOND TO CONSUMER, INDUSTRY AND AGENCY DATA REQUESTS IN A MUCH MORE TIMELY MANNER.

\* PROVIDING HARDWARE AND SOFTWARE MAINTENANCE OF MIROCOMPUTER EQUIPMENT IN AUTO SAFETY HOTLINE AND FOR APPLICATION AND HARDWARE SUPPORT

FOR THE INTEGRATED VOICE RESPONSE SYSTEM. THE AUTO SAFETY HOTLINE PROVIDES A TOLL-FREE , AUTOMATED MECHANISM FOR CONSUMERS TO REQUEST MOTOR VEHICLE AND HIGHWAY SAFETY INFORMATION. IT ALSO, PROVIDES A MEANS FOR CONSUMERS TO REPORT SAFETY-RELATED PROBLEMS WITH MOTOR VEHICLES AND ITEMS OF MOTOR VEHICLE EQUIPMENT. THESE REPORTS SUPPLY IMPORTANT INFORMATION AND ANNUALLY INITIATE OVER 75% OF NHTSA'S INITIAL DEFECT INVESTIGATIONS. THE AUTO SAFETY HOTLINE OPERATION IMPROVED THE AGENCY'S RESPONSIVENESS TO THE PUBLIC FOR INFORMATION AS A RESULT OF BEING ASSIGNED AND PROMOTED AS NHTSA'S SINGLE POINT OF CONTACT FOR INFORMATION.

\* MAINTAINING CONNECTIVITY WITH THE INTERMODAL DATA NETWORK (IDN): THE IDN PROVIDES NSA WIHT ACCESS TO DATA LOCATED IN OTHER FEDERAL, STATE INDUSTRY AND FOREIGN OFFICES. THIS INTRAGOVERNMENT ACTIVITY IS FOR NSA'S SHARE OF THE HARDWARE, SOFTWARE, AND MAINTENANCE SUPPORT OF THE IDN SYSTEM.

\* MAINTAINING CONNECTIVITY TO THE AUTOMATED DECISION SUPPORT SYSTEM (ADSS): ADSS IS THE AGENCY MANAGEMENT INFORMATION SYSTEM INCLUDING INVENTORY AND CONTRACT CONTROL. THIS INTRA-GOVERNMENT ACTIVITY ID FOR NSA'S SHARE OF THE HARDWARE, SOFTWARE, AND MAINTENANCE SUPPORT OF ADDS.

IF NOT FUNDED, THE NSA STAFF WILL NOT HAVE THE TOOLS (I.E., SOFTWARE AND HARDWARE, ETC) NECESSARY TO COMPLETE ASSIGNED TASKS REQUIRED TO ACCOMPLISH THE OBJECTIVES OF NHTSA'S STRATEGIC EXECUTION PLAN (SEP) AND DECISION MAKING.

**CONTACT:** TERRY ANDERSON (202-366-5235)

OA:	INITIATIVE ID:	FY-2000:	FY-2001:	FY-2002:
NHTSA	NHTSA008	\$514	\$522	\$541

**TITLE:**

VEHICLE RESEARCH AND TEST CENTER (VRTC) COMPUTER SYSTEM

**DESCRIPTION:**

VRTC COMPUTER SYSTEMS SUPPORT LABORATORY AND IN-VEHICLE TESTING AND RESEARCH PROGRAMS FOR PEDESTRIAN AND APPLIED BIOMECHANICS, VEHICLE STABILITY AND CONTROL, DEFECTS ANALYSIS, AND CRASHWORTHINESS DIVISIONS. THE NOVELL PC LAN, PCs ARE USED FOR DATA ACQUISITION, TEST BED CONTROL, DATA ANALYSIS AND REDUCTION AND REPORT PREPARATION. SEVERAL SPECIAL PURPOSE WORKSTATIONS PROVIDE THE CAPACITY FOR FINITE ELEMENT ANALYSIS WORK AND DYNAMIC ANALYSIS SIMULATION. APPROXIMATELY 15 TO 25 PERCENT OF THESE SYSTEMS ARE REPLACED ANNUALLY

TEST DATA COLLECTION REQUIREMENTS ALREADY INCLUDE REAL-TIME VIDEO STORAGE. THIS IS NOW JUST AN EMERGING REQUIREMENT, AND IS USED WITH SOME CRASH AVOIDANCE PROJECTS. IN THE FUTURE, A MULTI-TERABYTE DATA STORAGE SYSTEM WILL LIKELY BE REQUIRED.



<b>OA:</b>	<b>INITIATIVE ID:</b>	<b>FY-2000:</b>	<b>FY-2001:</b>	<b>FY-2002:</b>
NHTSA	NHTSA016	\$74	\$78	\$85

**TITLE:**

Procurement System - AIMS

**DESCRIPTION:**

ACQUISITION INFORMATION MANAGEMENT SYSTEMS (AIMS) IS TRACKING SYSTEM DEVELOPED TO SUPPORT SUCH ACQUISITION ACTIONS AS CONTRACTS, TASK/DELIVERY ORDERS, GRANTS, COOPERATIVE AGREEMENTS, INTERAGENCY AGREEMENTS, SMALL PURCHASES AND RELATED MODIFICATIONS.

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